ARCHANAMOL LALU
STUDENT

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ABOUT ME

I'm a Computer Science Engineering student who loves learning and building new things.I'm especially interested in combibning technology with culture to create useful and meaningful projects.My goal is to grow as a developer while making a positive impact with what I create.

EDUCATION

B.Tech in Computer Science and Engineering | 2022 – 2026
Amal Jyothi College of Engineering, KTU

Higher Secondary Education (HSE) |2020-2022
St. Paul's HSS, Valiakumaramangalam

SSLC |2019-2020
St. Paul's HSS, Valiakumaramangalam

PROJECTS & INTERNSHIP EXPERIENCE

ChoreScope (Mobile App)
- Developed a real-time mudra recognition app using MediaPipe Hands and TensorFlow Lite.
- Enabled gesture detection from live camera and gallery input with cultural and mythological insights.
- Focused on classical Indian dance pose recognition with an interactive UI experience.

MyShop (Web App) – Internship Project at Cydez Technologies | June 2025
- Built a Django-based eCommerce web application as part of a 4-week internship.
- The platform features secure user authentication, an admin dashboard for managing products, categories, and orders, and includes intuitive product search, category-based filtering, shopping cart functionality, and order tracking.

CERTIFICATIONS

- Google Cloud Computing Foundations – NPTEL (Aug–Oct 2024)
- Java Foundations – Oracle Academy
- Database Foundations – Oracle Academy
- Full Stack Development Workshop – NIT Calicut
- Participated in the NASA Space Apps Challenge 2023
- Internship in Python-Django – Cydez Technologies (June 2025)

ACHIEVEMENTS

Presented research paper titled "Hand Gesture Recognition Using Deep Learning" at NACORE 2025 – National Conference at Amal Jyothi College of Engineering

SKILLS

- Programming: Python, Java, C
- Frameworks: Django, Flutter
- Web Technologies: HTML, CSS, Tailwind CSS
- Tools: SQLite, Git, GitHub, VS Code
- Soft Skills: Communication, Teamwork, Time Management

LANGUAGES

- Malayalam (Native)
- English (Professional)
- Hindi (Working)